

Draft Proposed Amendments to the Truck and Bus Regulation

September/October 2010

Why are changes to the regulation being proposed?

Staff is proposing major changes to the Truck and Bus regulation for several reasons:

- The recession has negatively affected employment and revenue for most fleets affected by the regulation and has resulted in lower emissions.
- Updating the regulation provides an opportunity to simplify and streamline the regulation, while providing fleets more flexibility in how they reduce their emissions.

What are the proposed changes?

The amended regulation would exempt smaller vehicles from meeting PM filter requirements and would delay the first replacements for all trucks until 2015. No engine less than 20 years old would be replaced until January 1, 2020.

For trucks with a gross vehicle weight rating (GVWR) less than 26,001 lbs:

- There are no requirements until 2015,
- Must replace when 20 years old from 2015 to 2020, and
- All must have 2010 engines by 2023.

For trucks with a GVWR more than 26,000 lbs:

- Must follow a compliance schedule that lists requirements by engine model year,
- The schedule requires PM filters from 2012 to 2014 on 1998 to 2006 model year engines and replaces 20 year old or older engines from 2015 to 2020, and
- All trucks must have 2010 engines by 2023.

Are there any compliance options?

Fleets with 1 to 3 larger trucks have an option to phase-in PM filters from 2014 to 2016 and must report from 2012 to 2016 to take advantage of the option.

Fleets with 4 or more larger trucks have an option to phase-in the requirements from 2012 to 2016, but must report January 31, 2012. Fleets using this option who have fewer trucks than in 2006 would have a reduced requirement. Fleets can also earn credits to exempt another vehicle until 2016 for each PM filter installed before July 2011 and for adding fuel efficient hybrids or alternative fueled vehicles.

How do the proposed changes affect what fleets have to do?

Issue	Existing Regulation	Proposed Amendments
Initial PM requirements	2011	2012
Number of trucks exempt from PM filters	<10,000	140,000
Number of fleets subject to PM filters	175,000	100,000
Initial truck replacements	2013	2015
Age of truck replaced prior to 2020	12 years old	20 years old

How will the proposed changes affect the costs to fleets?

- Costs for most fleets outside of transportation sector will be about 60% to 70% lower
- The average costs in the first 5 years will be less than half
- Cost for smaller trucks (less than 26,000 lbs) will be near zero
- Total costs over the next 15 years will be less than half

What considerations did ARB staff use in developing the proposed changes?

On April 22, 2010, staff presented an update to the Board on the off-road and truck and bus regulations. The Board asked staff to draft changes to the regulations, following 10 guiding principles:

- Continue progress toward cleaner air
- Maintain public health benefits
- Meet SIP commitments
- Incentivize greenhouse gas reductions
- Improve cost effectiveness
- Lower peak year costs
- Consider cumulative impact of both regulations
- Provide most relief to fleets hardest hit by recession
- Ensure emission reductions as economy recovers
- Support clean technologies

Staff's proposed amendments to the regulation follow the 10 guiding principles, as well as incorporate recent input received from stakeholders. They maintain as much of the emissions and public health benefits expected from the original regulation as possible, and meet the Board's State Implementation Plan commitments.

When will the proposed changes be considered by the Air Resources Board?

The amendments will be considered at a hearing on December 16 & 17, 2010.

More information

For further information, please visit our website at www.arb.ca.gov/dieseltruck, or call 866-6DIESEL (866-634-3735), or email us at 866diesel@arb.ca.gov. We also offer a listserve where you can sign up to get periodic email updates and information about the regulation and meetings, at http://www.arb.ca.gov/listserv/listserv_ind.php?listname=onrdiesel